

METHOD OF AND APPARATUS FOR HIGH TOLERANCE BRUSH HONING

ABSTRACT

5 The present invention relates to a honing method and apparatus which
provides greater control over the edge shape, as well as reductions in the effort
required to hone multiple edges on workpieces. The invention accomplishes these
improvements by controlling the speed of the abrasive wheel, as well as the
orientation and position of the workpiece prior to and/or while it is in contact with
the abrasive brush. This provides for greater control over the hone shape, hone
10 size, and hone distribution along all the cutting edges of the tool.